

Booklist No. 98

November 1990

Alvarez-Leefmans, F.J. and Russell, J.M. (eds) Chloride channels and carriers in nerve, muscle and glial cells. Based on a workshop, Budapest, Aug. 1987. Plenum; New York, 1990. xviii + 425 pp. \$89.50.

Angeli, A. et al. (eds) Biochemistry of breast cyst fluid. Correlation with breast cancer risk. From a workshop, New York, Dec. 1988. Annals of the New York Academy of Sciences, vol. 586. New York Academy of Sciences; New York, 1990. viii + 296 pp. \$74.00 (pbk).

Ayoub, E.M. et al. (eds) Microbial determinants of virulence and host response. From a workshop, Gainesville, FL, Feb. 1989. American Society for Microbiology; Washington, DC, 1990. x + 394 pp. \$52.00 (pbk); \$41.00 (ASM members).

Bard, J. Morphogenesis. The cellular and molecular processes of developmental anatomy. Developmental and cell biology series. Cambridge University Press; New York, 1990. xii + 303 pp. \$54.50.

Beck, L. et al. (eds) Hormone-related malignant tumours. Recent results in cancer research, vol. 118. Springer; New York, 1990. xii + 269 pp. \$96.00.

Betina, V. Mycotoxins: chemical, biological and environmental aspects. Bioactive molecules, vol. 9. Elsevier; Amsterdam, 1989. 438 pp. Dfl. 295.00. Reviewed in: Trends Biochem. Sci., Sep. 1990, 15, 360 by N. Magan.

Bollag, J.-M. and Stotzky, G. (eds) Soil biochemistry, vol. 6. Dekker; New York, 1990. xii + 565 pp. \$150.00.

Bothwell, A., Yancopoulos, G.D. and Alt, F.W. Methods for cloning and analysis of eukaryotic genes. Jones and Bartlett; Boston, 1990. xii + 324 pp. \$50.00.

Brinton, M.A. and Heinz, F.X. (eds) New aspects of positive-strand RNA viruses. Based on a symposium, Vienna, Austria, Jun. 1989. American Society for Microbiology; Washington, DC, 1990. xx + 383 pp. \$75.00; \$59.00 (ASM members).

Brown, F. et al. (eds) Modern approaches to new vaccines including prevention of AIDS. From a conference, Cold Spring Harbor, Sep. 1989. Cold Spring Harbor Laboratory; Cold Spring Harbor, New York, 1990. xxvi + 502 pp. \$100.00 (pbk).

Cambier, J.C. (ed) Ligands, receptors and signal transduction in regulation of lymphocyte function. American Society of Microbiology; Washington, DC, 1990. xii + 427 pp. \$63.00; \$49.00 (ASM members).

Cerny, J. and Hiernaux, J. (eds) Idiotypic network and diseases. American Society for Microbiologists; Washington, DC, 1990. xii + 234 pp. \$45.00; \$38.00 (ASM members).

Cohen, P.T., Sande, M.A. and Volberding, P.A. (eds) The AIDS knowledge base. A textbook on HIV disease from the University of California, San Francisco, and the San Francisco General Hospital. Medical Publishing Group (Massachusetts Medical Society); Waltham, MA, 1990. xxviii, variously paged. \$130.00 (hbk); \$105.00 (pbk).

Cold Spring Harbor Laboratory. Immunological recognition. From a symposium, Cold Spring Harbor, Jun. 1989. Cold Spring Harbor Symposia on Quantitative Biology, vol. 54. Cold Spring Harbor Laboratory; Cold Spring Harbor, NY, 1989. In 2 parts. xi + 1010 pp. \$200.00 (hbk); \$95.00 (pbk).

Darnell, J., Lodish, H. and Baltimore, D. Molecular cell biology, 2nd edn. Scientific American Books; New York, 1990. 1105 pp. £49.95; \$52.95 (hbk). £25.95; \$42.95 (pbk). Reviewed in: Nature, 16 Aug. 1990, 346, 621 by T. Pollard.

Dugas, H. (ed.) Biorganic chemistry frontiers, vol. 1. Springer; New York, 1990. x + 201 pp. \$69.00.

Fasman, G.D. (ed) Prediction of protein structure and the principles of protein conformation. Plenum; New York, 1989. xiii + 798 pp. \$95.00. Reviewed in: Trends Biochem. Sci., Sep. 1990, 15, 360 by M. Sternberg.

Finch, C.E. and Johnson, T.E. (eds) Molecular biology of aging. From a colloquium, Sante Fe, NM, Mar. 1989. UCLA symposia on molecular and cellular biology, vol. 123. Wiley-Liss; New York, 1990. xviii + 430 pp. \$110.00.

Fleischer, S. and Fleischer, B. (eds) Methods in enzymology, vol. 174. Part U: cellular and subcellular transport. Academic Press; San Diego, 1989. xxix + 725 pp. \$89.00.

Franz, H. (ed.) Advances in lectin research, vol. 2. Springer; Berlin, 1989. ix + 111 pp. DM 98.00.

Garner, R.C. and Hradec, J. (eds) Biochemistry of chemical carcinogenesis. From a symposium, Prague, Jul. 1988. Plenum; New York, 1990. x + 267 pp. \$65.00.

Gierasch, L.M. and King, J. (eds) Protein folding. Deciphering the second half of the genetic code. American Association for the Advancement of Science; Washington, DC, 1990. viii + 334 pp. \$39.50 (pbk); \$31.50 (AAAS members).

Ginsburg, V. (ed) Methods in enzymology, vol. 179. Part F: complex carbohydrates. Academic Press; San Diego, 1989. xxxi + 639 pp. \$80.00.

Glick, D.M. Glossary of biochemistry and molecular biology. Raven; New York, 1990. vi + 194 pp. \$19.95 (pbk).

Goldstein, A.L. (ed) Biomedical advances in aging. Based on a symposium, Washington, DC, spring 1988. GWUMC Department of biochemistry annual spring symposia. Plenum; New York, 1990. xii + 586 pp. \$115.00.

Gray, D. and Sprent, J. (eds) Immunological memory. Current topics in microbiology and immunology, vol. 159. Springer; New York, 1990. xii + 141 pp.

Gupta, A.P. (ed) Morphogenetic hormones of arthropods, vol. 1, part 1. Discoveries, syntheses, metabolism, evolution, modes of action and techniques. Rutgers University Press; New Brunswick, NJ, 1990. xii + 536 pp. \$125.00.

Gutsche, C.D. Calixarenes. The Royal Society of Chemistry London, 1989. xii + 223 pp. £29.50; \$81.00.

- Hansch, C. (ed. in chief) *Comprehensive medicinal chemistry. The rational design, mechanistic study and therapeutic application of chemical compounds*, 6 vols. Pergamon; Oxford, 1990. 5, 493 pp. £1,145.00; \$1,995.00. Reviewed in: *Nature*, 13 Sep. 1990, 347, 137 by L. Crombie.
- Harris, T.J.R. (ed) *Protein production by biotechnology*. Based on a symposium, London, Dec. 1988. Elsevier applied biotechnology series. Elsevier; New York, 1990. xiv + 243 pp. \$81.00.
- Hashim, G.A. and Mosecarello, M. (eds) *Dynamic interactions of myelin proteins*. From a symposium, Chicago, IL, Apr. 1989. Progress in clinical and biological research, vol. 336. Wiley-Liss; New York, 1990. xii + 126 pp. \$59.50.
- Haslam, E. *Plant polyphenols: vegetable tannins revisited*. Cambridge University Press; Cambridge, 1989. x + 230 pp. £35.00; \$70.00.
- Horl, W.H. and Schollmeyer, P.J. (eds) *New perspectives in hemodialysis, peritoneal dialysis, arteriovenous hemofiltration and plasmapheresis*, vol. 260. Plenum; New York, 1989. viii + 218 pp. \$71.40.
- Houslay, M.D. and Milligan, G. (eds) *G-proteins as mediators of cellular signalling processes*. Wiley; Chichester, New York, 1990. 232 pp. £35.00; \$72.45. Reviewed in: *Nature*, 2 Aug. 1990, 346, 421 by H. Bourne.
- Hughes, J., Dockray, G. and Woodruff, G. (eds) *The neuropeptide cholecystokinin (CCK)*. Ellis Horwood; Chichester, 1989. ix + 252 pp. \$49.95.
- Hugli, T.E. (ed) *Cellular proteases and control mechanisms*. Alan R. Liss; New York, 1989. xvi + 173 pp. \$80.00.
- Iglewski, B.H. and Clark, V.L. (eds) *Molecular basis of bacterial pathogenesis. The bacteria*, vol. 11. Academic Press; San Diego, CA, 1990. xii + 473 pp. \$85.00.
- Jann, K. and Jann, B. (eds) *Bacterial adhesins. Current topics in microbiology and immunology*, vol. 151. Springer; New York, 1990. x + 209 pp. \$79.50.
- Kates, M. (ed) *Glycolipids, phosphoglycolipids and sulfoglycolipids. Handbook of lipid research*, vol. 6. Plenum; New York, 1990. xvi + 520 pp. \$89.50.
- Khachaturian, Z.S., Cotman, C.W. and Pettegrew, J.W. (eds) *Calcium, membranes, aging and Alzheimer's disease*. From a conference, Irvine, CA, Oct. 1988. Annals of the New York Academy of Sciences, vol. 568. New York Academy of Sciences; New York, 1989. viii + 292 pp. \$73.00 (pbk).
- Kirby, L.T. *DNA fingerprinting. An introduction. Breakthroughs in molecular biology*. Stockton; New York, 1990. xvi + 365 pp. \$29.95 (pbk).
- Koob, G.F., Sandman, C.A. and Strand, F.L. (eds) *A decade of neuropeptides. Past, present and future*. From a conference, Breckenridge, CO, Jan. 1989. Annals of the New York Academy of Sciences, vol. 579. New York Academy of Sciences; New York, 1990. x + 281 pp. \$70.00 (pbk).
- Küppers, B.-O. *Information and the origin of life*. MIT Press, Cambridge, MA, 1990. 215 pp. £20.25; \$22.25. Reviewed in: *Nature*, 30 Aug. 1990, 346, 806 by G. Joyce.
- Kuroda, Y., Shankel, D. and Waters, M. (eds) *Antimutagenesis and anticarcinogenesis mechanisms II*. Plenum; New York, 1990. xiii + 485 pp. \$114.00.
- Laboune, J. (ed) *Handbook of pharmacokinetics-toxicity assessment of chemicals*. Ellis Horwood; Chichester, 1989. vi + 704 pp. £62.50.
- Ladisch, M.R. et al. (eds) *Protein purification. From molecular mechanisms to large-scale processes*. From a symposium, Miami Beach, FL, Sep. 1989. ACS symposium series, vol. 427. American Chemical Society; Washington, DC, 1990. viii + 280 pp. \$64.95.
- Laugone, J.L. (ed) *Methods in enzymology*, vol. 178. Antibodies, antigens and molecular mimicry. Academic Press; San Diego, 1989. xxxiii + 835 pp. \$95.00.
- Marchalonis, J.J. and Reinisch, C.L. (eds) *Defense molecules. From a colloquium, Lake Tahoe, CA, Feb. 1989*. UCLA symposia on molecular and cellular biology, new series, vol. 121. Wiley-Liss; New York, 1990. xiv + 316 pp. \$97.00.
- Marrosu, M.G., Cianchetti, C. and Tavolato, B. (eds) *Trends in neuroimmunology. From a symposium, Cagliari, Italy, Sep. 1988*. Plenum; New York, 1990. viii + 169 pp. \$49.50.
- Metzger, H. (ed) *Fc receptors and the action of antibodies*. American Society for Microbiology; Washington, DC, 1990. vi + 368 pp. \$65.00; \$52.00 (ASM members).
- Mizrahi, A. (ed) *Bacterial vaccines. Advances in biotechnological processes*, vol. 13. Wiley-Liss; New York, 1990. xiv + 317 pp. \$130.00.
- Nahorski, S.R. (ed) *Transmembrane signalling, intracellular messengers and implications for drug development*. Wiley; Chichester, New York, 1990. 248 pp. £39.00; \$76.00. Reviewed in: *Nature*, 2 Aug. 1990, 346, 421 by H. Bourne.
- Okamoto, H. (ed) *Molecular biology of the Islets of Langerhans*. Cambridge University Press; New York, 1990. x + 352 pp. \$80.00.
- Papas, T.S. (ed) *Gene regulation and AIDS. Transcriptional activation, retroviruses and pathogenesis*. From a conference, Loutraki, Greece, Sep. 1989. Advances in applied technology, vol. 7. Portfolio; The Woodlands, TX and Gulf; Houston, TX, 1990. xiv + 386 pp. \$80.00.
- Papas, T.S. (ed) *Oncogenesis. Oncogenesis in signal transduction and cell proliferation*. From a conference, Loutraki, Greece, Sep. 1989. Advances in applied biotechnology, vol. 6. Portfolio; The Woodlands, TX and Gulf; Houston, TX, 1990. xvi + 343 pp. \$80.00.
- Pecile, A. and de Bernard, B. (eds) *Bone regulatory factors. Morphology, biochemistry, physiology and pharmacology*. From an institute, Erice, Italy, May 1989. NATO Advanced Science Institute series A, vol. 184. Plenum; New York, 1990. x + 291 pp. \$72.50.
- Perutz, M. *Mechanisms of cooperativity and allosteric regulation in proteins*. Cambridge University Press; Cambridge, 1990. 101 pp. £11.95; \$17.95 (pbk). Reviewed in: *Nature*, 20 Sep. 1990, 347, 241 by J. Galloway.
- Picciano, M.F., Stokstad, R. and Gregory III, J.F. (eds) *Folic acid metabolism in health and disease*. From a symposium, Los Angeles, Sep. 1988. Contemporary issues in clinical nutrition, vol. 13. Wiley-Liss; New York, 1990. x + 299 pp. \$96.00.

Pollard, J.W. and Walker, J.M. (eds) Plant cell and tissue culture. Methods in molecular biology, vol. 6, Humana; Clifton, NJ, 1990. xii + 597 pp. \$69.50.

Roche, T.R. and Patel, M.S. (eds) Alpha-keto acid dehydrogenase complexes organization, regulation and biomedical ramifications. A tribute to L.J. Reed. From a conference, Austin, TX, Nov. 1988. Annals of the New York Academy of Sciences, vol. 573. New York Academy of Sciences; New York, 1989. xviii + 474 pp. \$119.00 (pbk).

Sara, V.R., Hall, K. and Löw, H. (eds) Growth factors. From genes to clinical applications. From a conference, Stockholm, Sep. 1989. Karolinska Institute Nobel Conference series. Raven; New York, 1990. xviii + 265 pp. \$110.00.

Scannu, A.M. (ed) Lipoprotein (a). Academic Press; San Diego, CA, 1990. xii + 226 pp. \$55.00.

Tamang, M.T. and Parone, S.V. The genetics of mood disorders. John Hopkins series in contemporary medicine and public health. John Hopkins University Press; Baltimore, MD, 1990. xii + 220 pp. \$40.00.

Vanderhook, J.Y. (ed) Biology of cellular transducing signals. From a symposium, Washington, DC, May 1989. George Washington University Medical Center department of biochemistry annual spring symposia. Plenum; New York, 1990. x + 418 pp. \$89.50.

Villafreanca, J.J. (ed) Current research in protein chemistry. Techniques, structure and function. Published for the Protein Society by Academic Press; San Diego, CA, 1990. xxviii + \$95.00 (hbk); \$39.95 (pbk).

Volberding, P. and Jacobson, M.A. (eds) AIDS clinical review 1990. Dekker; New York, 1990. xviii + 282 pp. \$89.75.

Wainwright, M. Miracle cure. The story of antibiotics. Blackwell; Oxford, 1990. 196 pp. £16.95. Reviewed in: Nature, 12 Jul. 1990, 346, 118 by E. Abraham.

Wyler, D.J. (ed) Modern parasite biology. Cellular, immunological and molecular aspects. Freeman; New York, 1990. xviii + 428 pp. \$59.95 (hbk); \$42.95 (pbk).

The most recently published Booklists are the following:

No. 71 (January 1987) FEBS Lett. 210, 115-117.

No. 72 (February 1987) FEBS Lett. 212, 187-188.

No. 73 (April 1987) FEBS Lett. 214, 207-208.

No. 74 (May 1987) FEBS Lett. 216, 173-175.

No. 75 (July 1987) FEBS Lett. 219, 493-495.

No. 76 (August 1987) FEBS Lett. 220, 397-399.

No. 77 (September 1987) FEBS Lett. 221, 226-228.

No. 78 (November 1987) FEBS Lett. 224, 241-243.

No. 79 (December 1987) FEBS Lett. 226, 204-206.

No. 80 (February 1988) FEBS Lett. 228, 209-211.

No. 81 (March 1988) FEBS Lett. 230, 223-225.

No. 82 (June 1988) FEBS Lett. 233, 218-220.

No. 83 (July 1988) FEBS Lett. 234, 508-510.

No. 84 (September 1988) FEBS Lett. 238, 225-226.

No. 85 (November 1988) FEBS Lett. 239, 388-389.

No. 86 (January 1989) FEBS Lett. 242, 459-460.

No. 87 (February 1989) FEBS Lett. 244, 505-507.

No. 88 (April 1989) FEBS Lett. 247, 503-505.

No. 89 (June 1989) FEBS Lett. 250, 122-123.

No. 90 (August 1989) FEBS Lett. 253, 300-301.

No. 91 (October 1989) FEBS Lett. 256, 241-243.

No. 92 (December 1989) FEBS Lett. 258, 358-359.

No. 93 (February 1990) FEBS Lett. 261, 214-216.

No. 94 (April 1990) FEBS Lett. 263, 185-186.

No. 95 (June 1990) FEBS Lett. 265, 153-154.

No. 96 (August 1990) FEBS Lett. 268, 438-440.

No. 97 (September 1990) FEBS Lett. 271, 254-256.